### 502327417 04/29/2013

### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Gregory Michael Pietron	04/26/2013
Yuji Fujii	04/26/2013
Nimrod Kapas	04/26/2013
Joseph F. Kucharski	04/29/2013
Gregory Daniel Goleski	04/29/2013
Jeffrey Edward Maurer	04/26/2013

#### **RECEIVING PARTY DATA**

Name:	Ford Global Technologies, LLC	
Street Address:	Fairlane Plaza South, Suite 800	
Internal Address:	330 Town Center Drive	
City:	Dearborn	
State/Country:	MICHIGAN	
Postal Code:	48126	

### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13872244	

### **CORRESPONDENCE DATA**

502327417

**Fax Number**: 3133227162

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: jrichmond@brookskushman.com
Correspondent Name: BROOKS KUSHMAN P.C./FGTL

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Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER: 83352878

REEL: 030305 FRAME: 0278

**PATENT** 

13872244

SO OF

NAME OF SUBMITTER:	Jody Richmond
Signature:	/Jody Richmond/
Date:	04/29/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

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# ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

inte of invention	(FWD) TRANSMISSIONS		
This declaration is directed to:			
United	tached application, or I States application or PCT international application numberfiled on		
The above-identified app	lication was made or authorized to be made by me.		
I hereby state that I have including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,		
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for disclose, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/872,244 , Filing Date April 29, 2013 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.			
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.			
LEGAL NAME OF INV Inventor: Gregory!			
Signature: Gregory	Michael Pietron Date: 6 Apr CO 1.3		
orginature.			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor.		

Please direct all correspondence to: 28395

Attorney Docket Number	83352878

### ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention SENSOR PACKAGING AT OUTPUT SIDE OF FRONT WHE (FWD) TRANSMISSIONS		SENSOR PACKAGING AT OUTPUT SIDE OF FRONT WHEEL DRIVE (FWD) TRANSMISSIONS	
This declaration i	s direct		
×	X The attached application, or United States application or PCT international application number filed on		
The above-identif	fied app	plication was made or authorized to be made by me.	
I hereby state the including the claim		we reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am	ı the or	riginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-pa	art app	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior onal or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/872,244 , Filing Date April 29, 2013 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.  And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers,			
including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that any wiliful false statement made in this declaration is punishable under 18 U.S.C. 1901 by fine or imprisonment of not more than five (5) years or both.			
LEGAL NAME (		13/14 / B/	
Inventor: Y	uli Fu ∾	1jii Date:	
Signature:			
Note: An Applicat Use an additional d	ion Dat	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.	

Please direct all correspondence to: 28395

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Attorney Docket Number	83352878
Attorney Docket Hannoet	03000014

### ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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This declaration is direct	This declaration is directed to:			
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The above-identified app	plication was made or authorized to be made by me.			
I hereby state that I had including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,			
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I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.				
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/872,244 , Filing Date April 29, 2013 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.  And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.				
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.				
I hereby acknowledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.				
LEGAL NAME OF IN	VENTOR $t_{t-2,t-2,0,2}$			
Inventor: Nimrod	Kapas Date: 4-26-20/3			
Signature: <u>Kapa</u>	2 Name 2			
	is Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			

***************************************	
Attorney Docket Number	83352878

## ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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The above-identified	application was made or authorized to be made by me.
I hereby state that I including the claims	have reviewed and understand the contents of the specification in the above-identified application,
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continuation-in-part	ity to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TI of the State of Dela hereinafter referred interest, domestic ar of the ASSIGNEE, for the inventions ar name or names, or it insert the serial/app. 13/872,244  ASSIGNEE, its su applications, in and	stoyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws tware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and of foreign, in and to the inventions and discoveries in the above-identified invention including the right its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own any name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to oblication number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including application organizations, and to	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, as for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental operform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.
And I hereby represe	ent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of a	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.
LEGAL NAME OF	INVENTOR
Inventor: Josep Signature: J	Soft Aucharolai  Date: 4/29/13
Note: An Application Use an additional declar	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form tration form for each additional inventor.

Attorney Docket Number	83352878	

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Title of Invention	SENSOR PACKAGING AT OUTPUT SIDE OF FRONT WHEEL DRIVE (FWD) TRANSMISSIONS	
This declaration is direct	- A	
X The at ☐ United	tached application, or    States application or PCT international application number filed on	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 13/872,244 , Filing Date April 29, 2013 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.		
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LEGAL NAME OF INV		
Inventor: <u>Gregory</u>	Daniel Goleski Date: 9/28.79/13	
Signature:	<u> </u>	
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
Use an additional declaration form for each additional inventor.		

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Attorney Docket Number	83352878
Attorney Docker Admoci	033732070

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LEGAL NAME	OF IN	THE STORY		
Inventor: <u>J</u>	effrey !	Date: 4/25/20/3  L S Wow		
Signature: \$\square	)-A	1/26/2013		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Use an additional declaration form for each additional inventor.				
Use an additional	ucciarat	BH WHI RD COOK ORGANICA IN COLOR.		

PATENT REEL: 030305 FRAME: 0285

**RECORDED: 04/29/2013**